

CityTree Installations in Edinburgh

Council:

- 1) Notes, CityTree was created by Berlin-based Green City Solutions, the CityTree is made up of moss cultures which have a much larger leaf surface area than any other plant and can capture more pollutants;
- 2) Further notes, the CityTree is a highly visual structure which, at 4 meters tall, 3 meters wide and 2 meters deep, is said to have the environmental benefit of up to 275 urban trees. The surfaces of moss installed in each CityTree can remove dust and nitrogen dioxide from the air. Manufacturer estimate that each CityTree can remove around 12.2kg of particulate matter and 240 metric tons of CO₂ (greenhouse gas) annually;
- 3) Recognises, poor air quality is a significant public health concern, but also a major social justice issue for Edinburgh. Pollution affects some of the most vulnerable people in our city, including the old, the sick and those experiencing poverty;
- 4) Further recognises, the council is a key partner in the Scottish Government's Cleaner Air for Scotland Strategy which defines the path to achieving full compliance with the relevant air quality standards;
- 5) Calls, for a report in one or two cycles to consider CityTree installations in Edinburgh;
- 6) Requests, that said report includes, but is not limited to:
 - a) High polluted areas which would most benefit from CityTree installations;
 - b) Potential funding options, e.g. the Scottish Government;
 - c) The level of civic and budgetary support required by the Council;
 - d) The completed report to be referred to the Transport and Environment Committee for further scrutiny.